

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.
028723-020SERIAL NO. Unassigned
(Cont. of 08/015,390)APPLICANT
Joe W. GRAY et al

08/3/29/4

FILING DATE
October 19, 1993GROUP
1807

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AM	4,770,992	9/88	Van den Engh et al	435	6	11/27/85
AM	4,681,840	7/87	Stephenson et al	435	6	1/18/84
AM	4,725,536	2/89	Fritsch et al	435	6	9/19/85
AM	4,721,669	1/88	Barton	435	6	1/18/85
AM	4,707,440	11/87	Stavrianopoulos	435	6	1/30/84
AM	4,683,195	7/87	Mullis et al	435	6	2/7/86
AM	4,647,529	3/87	Rodland et al	435	6	1/18/84
AM	4,888,278	12/89	Singer et al	435	6	10/13/88
AM	4,358,535	11/82	Falkow et al	435	5	12/8/80
AM	4,711,955	12/87	Ward et al	536	29	5/23/83
AM	4,772,691	9/88	Herman	536	27	

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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
AM	2019408	10/79	UK	—	—		
AM	2215724	9/89	UK	—	—		
AM	8705027	8/87	WO	—	—		
AM	9005789	5/90	WO	—	—		

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AM	Cremer et al, "Rapid Metaphase and Interphase Detection of Radiation-Induced Chromosome Aberrations in Human Lymphocytes by Chromosomal Suppression In Situ Hybridization," <u>Cytometry</u> , Vol. 11, 1990, pp. 110-118
AM	Bookstein et al, "Human Retinoblastoma Susceptibility Gene: Genomic Organization and Analysis of Heterozygous Intragenic Deletion Mutants," <u>PNAS (USA)</u> , Vol. 85, April 1988, pp. 2210-2214
AM	Cohen et al, "Hereditary Renal-Cell Carcinoma Associated with a Chromosomal Translocation," <u>N. Engl. J. Med.</u> , Vol. 301, No. 11, Sept. 1979, pp. 592-595

EXAMINER

J. L. Marshall

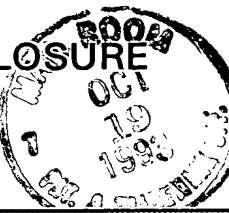

DATE CONSIDERED

4-1-94



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AM	4,710,465	12/87	Weissman et al	435	91	4/19/84
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AM	Szabo et al, "What's New With Hybridization <i>in situ</i> ?", <u>TIBS</u> , Vol. 7, No. 11, December 1982, pp. 425-427					
AM	Gall et al, "Formation and Detection of RNA-DNA Hybrid Molecules in Cytological Preparations," <u>PNAS (USA)</u> , Vol. 63, 1969, pp. 378-383					
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AM	Durnam et al, "Detection of Species Specific Chromosomes in Somatic Cell Hybrids," <u>Som. Cell Molec. Genetics</u> , Vol. 11, No. 6, 1985, pp. 571-577					
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AM	Herzenberg et al, "Fetal Cells in the Blood of Pregnant Women: Detection and Enrichment by Fluorescence-Activated Cell Sorting," <u>PNAS (USA)</u> , Vol. 76, No. 3, March 1979, pp. 1453-1455					
AM	Britten et al, "Analysis of Repeating DNA Sequences by Reassociation," <u>Methods of Enzymology</u> , Vol. 29, 1974, pp. 363-418					
AM	Benton et al, "Screening λ gt Recombinant Clones by Hybridization to Single Plaques <i>in situ</i> ," <u>Science</u> , Vol. 196, 1977, pp. 180-182					
AM	Landegent et al, "Chromosomal Localization of a Unique Gene by Non-Autoradiographic <i>in situ</i> Hybridization," <u>Nature</u> , Vol. 317, Sept. 1985, pp. 175-177					
AM	Olsen et al, "Isolation of Unique Sequence Human X Chromosomal Deoxyribonucleic Acid," <u>Biochemistry</u> , Vol. 19, 1980, pp. 2419-2428					
EXAMINER <i>Andin Marshall</i>			DATE CONSIDERED <i>4-1-94</i>			



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AM	Brison et al, "General Method for Cloning Amplified DNA by Differential Screening with Genomic Probes," <u>Molecular and Cellular Biology</u> , Vol. 2, No. 5, May 1982, pp. 578-587							
AM	Manuelidis et al, "Chromosomal and Nuclear Distribution of the HindIII 1.9-kb Human DNA Repeat Segment," <u>Chromosoma (Berl.)</u> , Vol. 91, 1984, pp. 28-38							
AM	LLNL, "Chromosome-Specific Human Gene Libraries, <u>Energy & Tech. Review</u> , July 1985, pp. 82-83							
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AM	Lewin, "Genetic Probes Become Ever Sharper - Rapid Detection of Multiple-Pathogen Infections, Including Major Drug-Resistance Genes, May be Possible Using a Newly Developed Technique," <u>Science</u> , Vol. 221, No. 4616, Sept. 1983, p. 1167							
AM	Albertson, "Mapping Muscle Protein Genes by <i>in situ</i> Hybridization Using Biotin-Labeled Probes," <u>EMBO J.</u> , Vol. 4, No. 10, 1985, pp. 2493-2498							
AM	Albertson, "Localization of the Ribosomal Genes in <i>Caenorhabditis elegans</i> Chromosomes by <i>in situ</i> Hybridization Using Biotin-Labeled Probes," <u>EMBO J.</u> , Vol. 3, No. 6, 1984, pp. 1227-1234							
AM	Cox et al, "Detection of mRNAs in Sea Urchin Embryos by <i>in Situ</i> Hybridization Using Asymmetric RNA Probes," <u>Developmental Biology</u> , Vol. 101, 1984, pp. 485-502							
AM	Sealey, et al, "Removal of Repeated Sequences from Hybridisation Probes," <u>Nucleic Acid Research</u> , Vol. 13, No. 6, 1985, pp. 1905-1922							
AM	Harper et al, "Localization of Single Copy DNA Sequences on G-Banded Human Chromosomes by <i>in situ</i> Hybridization," <u>Chromosoma (Berl.)</u> , Vol. 83, 1981, pp. 431-439							
AM	Wallace et al, "The Use of Synthetic Oligonucleotides as Hybridization Probes - II Hybridization of Oligonucleotides of Mixed Sequence to Rabbit β Globin DNA," <u>Nucleic Acids Research</u> , Vol. 9, No. 4, 1981, pp. 879-894							
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AM	Jabs et al, "Characterization of a Cloned DNA Sequence that is Present at Centromeres of All Human Autosomes and the X Chromosome and Shows Polymorphic Variation," <u>PNAS (USA)</u> , Vol. 81, August 1984, pp. 4884-4888					
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AM	Harper et al, "Localization of the Human Insulin Gene to the Distal End of the Short Arm of Chromosome 11," <u>PNAS (USA)</u> , Vol. 78, No. 7, July 1981, pp. 4458-4460					
AM	Willard et al, "Isolation and Characterization of a Major Tandem Repeat Family from the Human X Chromosome," <u>Nucleic Acids Research</u> , Vol. 11, No. 7, 1983, pp. 2017-2033					
AM	Manuelidis, "Different Central Nervous System Cell Types Display Distinct and Nonrandom Arrangements of Satellite DNA Sequences," <u>PNAS (USA)</u> , Vol. 81, May 1984, pp. 3123-3127					
AM	Rappold et al, "Sex Chromosome Positions in Human Interphase Nuclei as Studied by <i>in situ</i> Hybridization with Chromosome Specific DNA Probes," <u>Human Genetics</u> , Vol. 67, 1984, pp. 317-322					
AM	Trask et al, "The Proximity of DNA Sequences in Interphase Cell Nuclei Is Correlated to Genomic Distance and Permits Ordering of Cosmids Spanning 250 Kilobase Pairs," <u>Genomics</u> , Vol. 5, 1989, pp. 710-717					
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AM	Pinkel et al, "Genetic Analysis by Quantitative Microscopy and Flow Cytometry Using Fluorescence <i>In Situ</i> Hybridization with Chromosome-Specific Nucleic Acid Probes," <u>Am. J. Hum. Genet.</u> (Supplement), Vol. 39, No. 3, Sept. 1986, p. A129 (379)				
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